

DERWENT-ACC-NO: 2000-284224

DERWENT-WEEK: 200266

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TITLE: Windshield wiper drive device for driving
windshield wiper in alternating movement in movement
range between two reversal positions has incremental
transmitter to detect path covered by

INVENTOR: BRAUN, P; MAY, M ; WEBER, M

PATENT-ASSIGNEE: BOSCH GMBH ROBERT[BOSC] , BRAUN P[BRAUI], MAY
M[MAYMI],
WEBER M[WEBEI]

PRIORITY-DATA: 1998DE-1040895 (September 8, 1998)

PATENT-FAMILY:

PUB-NO	MAIN-IPC	PUB-DATE	LANGUAGE
JP 2002524335 W 025	B60S 001/08	August 6, 2002	N/A
DE 19840895 A1 012	B60S 001/08	March 16, 2000	N/A
WO 200013948 A1 000	B60S 001/08	March 16, 2000	G
BR 9906991 A 000	B60S 001/08	September 26, 2000	N/A
EP 1042146 A1 000	B60S 001/08	October 11, 2000	G
KR 2001031726 A 000	B60S 001/08	April 16, 2001	N/A
US 20020030458 A1 000	H02P 001/04	March 14, 2002	N/A
US 6384557 B1 000	B60S 001/08	May 7, 2002	N/A

DESIGNATED-STATES: BR JP KR US AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL
PT SE AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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APPL-DATE		
JP2002524335W	N/A	1999WO-DE02716
August 31, 1999		
JP2002524335W	N/A	2000JP-0568721
August 31, 1999		
JP2002524335W	Based on	WO 200013948
N/A		
DE 19840895A1	N/A	1998DE-1040895
September 8, 1998		
WO 200013948A1	N/A	1999WO-DE02716
August 31, 1999		
BR 9906991A	N/A	1999BR-0006991
August 31, 1999		
BR 9906991A	N/A	1999WO-DE02716
August 31, 1999		
BR 9906991A	Based on	WO 200013948
N/A		
EP 1042146A1	N/A	1999EP-0953633
August 31, 1999		
EP 1042146A1	N/A	1999WO-DE02716
August 31, 1999		
EP 1042146A1	Based on	WO 200013948
N/A		
KR2001031726A	N/A	2000KR-0704789
May 3, 2000		
US20020030458A1	N/A	1999WO-DE02716
August 31, 1999		
US20020030458A1	N/A	2000US-0530738
June 30, 2000		
US 6384557B1	N/A	1999WO-DE02716
August 31, 1999		
US 6384557B1	N/A	2000US-0530738
June 30, 2000		
US 6384557B1	Based on	WO 200013948
N/A		

INT-CL (IPC): B60S001/08, H02P001/04

ABSTRACTED-PUB-NO: DE 19840895A

BASIC-ABSTRACT:

NOVELTY - A windshield wiper drive device for driving a windshield wiper (11) in an alternating movement in a movement range between two reversal positions
has: - a motor (1) to move the windshield wiper; - a detector (6) to detect a time point at which the wiper passes a given position of the movement range; -

a control circuit (8) to reverse the movement direction of the motor at each reversal position. The wiper drive device comprises an incremental transmitter (19) to detect the path covered by the wiper from the given position. The control circuit reverses the movement direction of the motor as soon as it is detected that the wiper has covered a given displacement.

USE - For driving windshield wiper in alternating movement in movement range between two reversal positions

DESCRIPTION OF DRAWING(S) - The drawing shows a picture of the drive device

detector 6

incremental transmitter 19

ABSTRACTED-PUB-NO: US 6384557B

EQUIVALENT-ABSTRACTS:

NOVELTY - A windshield wiper drive device for driving a windshield wiper (11) in an alternating movement in a movement range between two reversal positions has: - a motor (1) to move the windshield wiper; - a detector (6) to detect a time point at which the wiper passes a given position of the movement range; - a control circuit (8) to reverse the movement direction of the motor at each reversal position. The wiper drive device comprises an incremental transmitter (19) to detect the path covered by the wiper from the given position. The control circuit reverses the movement direction of the motor as soon as it is detected that the wiper has covered a given displacement.

USE - For driving windshield wiper in alternating movement in movement range between two reversal positions

DESCRIPTION OF DRAWING(S) - The drawing shows a picture of the drive device

detector 6

incremental transmitter 19

US20020030458A

NOVELTY - A windshield wiper drive device for driving a windshield wiper (11) in an alternating movement in a movement range between two reversal positions has: - a motor (1) to move the windshield wiper; - a detector (6) to detect a time point at which the wiper passes a given position of the movement range; - a control circuit (8) to reverse the movement direction of the motor at each reversal position. The wiper drive device comprises an incremental transmitter (19) to detect the path covered by the wiper from the given position. The control circuit reverses the movement direction of the motor as soon as it is detected that the wiper has covered a given displacement.

USE - For driving windshield wiper in alternating movement in movement range between two reversal positions

DESCRIPTION OF DRAWING(S) - The drawing shows a picture of the drive device

detector 6

incremental transmitter 19

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: WINDSCREEN WIPE DRIVE DEVICE DRIVE WINDSCREEN WIPE
ALTERNATE

MOVEMENT MOVEMENT RANGE TWO REVERSE POSITION
INCREMENT TRANSMIT
DETECT PATH COVER

DERWENT-CLASS: Q17 X22

EPI-CODES: X22-J01;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2000-213893